

**Stellar Pulsation: Challenges for Theory and Observation**  
**May 31–June 5, 2009**  
**Poster Submissions Alphabetical**

**Key:**

**1= Mon-Tues**

**2 = Wed-Friday**

**Ceph = Cepheids**

**RRL = RR Lyrae**

**RG = Red giant/LPV**

**CGS = Clusters, Galaxies, and Surveys**

**B = B stars**

**Solar = Sun and solar-type stars**

**DSC = delta Scuti and related stars**

**GD = gamma Doradus stars**

**roAp = rapidly-oscillating Ap stars**

Amado, Pedro J.	Mode identification using simultaneous optical and NIR spectroscopy	DSC 2	0.
Ando, Hiroyasu et al.	Detection of Solar-like Oscillations in 4 G-giants by precise radial velocity measurement and their characteristics	Solar 2	1.
Antoci, Vichi et al.	The delta Scuti star Rho Puppis: the perfect target to probe the theory predicting solar-like oscillations in cool delta Scuti stars	DSC 2	2.
Barcza, Szabolcs and Benko, J.M.	Physical parameters of RR Lyrae stars from multicolor photometry and Kurucz atmospheric models	RRL 1	3.
Benko, Jozsef M.	An alternative mathematical treatment of the modulated RR Lyrae stars	RRL 1	4.
Bernard, Edouard	The ACS LCID Project: Short-	RRL 1	5.

for the LCID Team	period variables		
Bersier, David et al.	A large-scale survey for variable stars in M33	CGS 1	6.
Bouabid, Mehdi-Pierre	Frequency analysis of the SISMO \$\gamma\$Doradus star HD 49434	GD 2	7.
Bouabid, Mehdi-Pierre	Hybrid \$\gamma\$Doradus/\$\delta\$Scuti stars: theory versus observations	GD 2	8.
Cameron, Chris et al.	Asteroseismic tuning of the magnetic field of the roAp star HR 1217	roAp 2	9.
Cameron, Chris et al.	Near-critical rotation offers the MOST asteroseismic potential	B 2	10.
Cameron, Chris, Moldovan, Reka, et al.	Frequency Analysis of the Beta Cehei Pulsating Star delta Ceti from MOST Space-based Photometry: One Period or More?	B 2	11.
Cash, Jennifer et al.	A Long Term Photometric and Spectroscopic Study of RV Tauri stars	RG 1	12.
Chadid, Merieme et al.	First light curves from Antarctica: PAIX monitoring of the Blazhko stars	RRL 1	13.
Chavez, Joy M. et al.	A Cepheid Distance to the Antennae	Ceph 1	14.
De Cat, Peter et al.	Is HD147787 a double-lined binary with two pulsating components?	GD 2	15.
De Cat, Peter et al.	Towards asteroseismology of main-sequence g-mode pulsators: spectroscopic multi-site campaigns for slowly pulsating B stars and gamma Doradus stars.	GD 2	16.
Demers, Serge and Battinelli, Paolo	AGB variables in the Local Group dwarf galaxy NGC 6822	RG 1	17.
Desmet, M. and	Simultaneous MOST photometry	B 2	18.

the MOST satellite team	and high-resolution spectroscopy of Spica, a binary system with a massive Beta Cep star component		
Dukes, Robert J., Jr.	Comparison of Frequency Determinations of Slowly Pulsating B Stars from Stromgren and Geneva Data	B 2	19.
Dziembowski, W.A. and Smolec, R.	Multi-mode Cepheids in the LMC – Challenges for Theory	Ceph 1	20.
Endl, Michael et al.	Detection of Stellar Pulsations in the Planet Host Star Gamma Cephei A by High Precision Radial Velocity Measurements	Solar 2	21.
Escobar, Maria Eliana et al.	The Globular Cluster M69: Variable Stars and New CCD BV Color-Magnitude Diagram	CGS 1	22.
Fox Machado, Lester et al.	Stromgren photometry of the Delta Scuti stars 7 Aql and 8 Aql	DSC 2	23.
Fox Machado, Lester, et al.	CCD photometry of the Pleiades Delta Scuti star V650 Tauri	DSC 2	24.
Fu, Jianning et al.	Bi-site observations of the SX Phoenicis star GP Andromedae	DSC 2	25.
Gallenne, Alexandre et al.	Mid infrared observations of Cepheids using VLT/VISIR: more evidence for circumstellar environments	Ceph 1	26.
Greco, Claudia	Searching for variable stars in Galactic Open Clusters	CGS 2	27.
Greco, Claudia	Galactic halo formation: the role of pulsating stars	RRL 1	28.
Guggenberger, Elisabeth	High-Resolution Magnetic Field Measurements of RR Lyrae Stars with SemPole	RRL 1	29.
Handler, Gerald	Asteroseismology of hybrid pulsators made possible: simultaneous <i>MOST</i> space photometry and ground-based	B 2	30.

	spectroscopy of Gamma Peg		
Hoffman, Doug	Masses and Pulsation Modes in Eclipsing delta Scuti Systems	DSC 2	31.
Hoffmann, Samantha et al.	Cepheids and Long-Period Variables in NGC 4258	CGS 1	32.
Hrivnak, Bruce et al.	Periodic Light Variability in Twelve Carbon-rich Proto-Planetary Nebulae	CGS 2	33.
Huat, Anne-Laure	Correlation between a light outburst and pulsations in a CoRoT Be star	B 2	34.
Ita, Yoshifusa and IRSF/SIRIUS team	Near-infrared (J,H, and K) monitoring survey toward Magellanic Clouds using IRSF/SIRIUS at South Africa Observatory, first results	CGS 2	35.
Jackiewicz, Jason	Seismic Inversion Methods	Solar 2	36.
Jeon, Young-Beom et al.	Variable Stars in the LMC Globular Cluster NGC 2210	CGS 1	37.
Kaiser, Alexander	The domain of delta Scuti stars: CoRoT IRa01 results	DSC 2	38.
Kanbur, S. et al.	A preliminary estimate of Hubble's constant using SNIa data and OGLE III Cepheids in the LMC	Ceph 1	39.
Kinemuchi, Karen	Spectroscopic Study of NSVS RR Lyrae Stars	RRL 1	40.
Kopacki, Grzegorz	Search for pulsating stars in the globular cluster M80 from ground and space observations	CGS 2	41.
Kuehn, Charles	RR Lyrae in LMC Globular Clusters	RRL 1	42.
Lampens, Patricia et al.	Towards accurate component properties of the Hyades binary Theta 2 Tauri	DSC 2	43.
Laney, C.D. and Joner, M.D.J.	THE Calibration of the P-Factor in Baade-Wesselink Radii for Classical and Dwarf Cepheids	Ceph 1	44.

Laney, C.D. and Pieterzynski, G.	The Distance to the LMC from Red Clump Stars, and the Metallicity Correction to the Cepheid PL Relation	Ceph 1	45.
Marconi, Marcella et al.	Discovery of RR Lyrae stars in M31 globular	RRL 1	46.
Mathur, Savita	Analysing solar-like oscillations with an automatic pipeline	Solar 2	47.
Matsunaga, Noriyuki	Period-luminosity relations for type II Cepheid	Ceph 1	48.
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Medupe, Thebe Rodney	The effect of pulsational opacity fluctuations on the oscillations in the atmospheres of A stars	roAp 2	50.
Medupe, Thebe Rodney	Frequency analysis of roAp star: HD 217522	roAp 2	51.
Miglio, Andrea	The combined CORALIE+UVES+UCLES time series of $\alpha$ Cen A: preliminary results	Solar 2	52.
Miglio, Andrea	The enigma of B-type pulsators in the SMC	B 2	53.
Moya, Andres	Study of the nature of the Lambda Bootis star 29 Cygni using asteroseismology	DSC 2	54.
Ngeow, C. et al.	IRAC Band Period-Luminosity Relations from LMC Cepheids: Application to Three Nearby Galaxies	Ceph 1	55.
Niyogi, Suklina Guha and Speck, Angela K.	The effect of stellar pulsation cycles on dust formation: A temporal study of the mid-infrared spectrum of O-rich AGB Star, T Cep	RG 1	56.
Onifer, Andrew J. and Buchler, J.	Two-Dimensional Hydrodynamical Simulations of	Ceph 1	57.

Robert	Cepheids and RR Lyrae		
Pamyatnykh, Alexey A. and Zdravkov, Thomas	Modelling Hybrid Beta Cep/SPB Pulsations – Gamma Pegasi	B 2	58.
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Peña, J.H. et al.	Physical parameters of four field RR Lyrae stars in Bootes	RRL 1	60.
Pollard, Karen et al.	Spectroscopic mode- identification of gamma Doradus stars	GD 2	61.
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Quirion, Pierre- Olivier	To Automatically Get the Stellar Parameters of Solar-Like Stars Observed by the Kepler Satellite	Solar 2	64.
Ratcliff, Stephen J.	Spectroscopic observations of SRd and RV Tau variables at Middlebury College	RG 1	65.
Ripepi, Vincenzo et al.	Stellar archaeology in the Milky Way Halo: variable stars and stellar populations in the new Milky Way satellites discovered by the SDSS	CGS 1	66.
RomanIELLO, Martino	The dependency of the Cepheid Period–Luminosity Relation on chemical composition	Ceph 1	67.
Semaan, Thierry	Characterization and parameter determination of CoRoT variable stars with FLAMES	B 2	68.
Simoniello, Rosaria	Evidence of increasing acoustic emissivity over solar cycle 23 at high frequency in integrated sunlight measurements	Solar 2	69.
Spano, Maxime	Variability morphologies in the	CGS 2	70.

	color-magnitude diagram		
Suárez, Juan Carlos	Analysis of the internal rotation profile of stars using rotational mode splitting asymmetries	B 2	71.
Szabo, Robert	Strange and low amplitude Cepheid candidates in the CoRoT observations	Ceph 1	72.
Szabo, Robert	Amplitude and phase modulation in CoRoT RR Lyrae stars	RRL 1	73.
Szczygiel, Dorota	Galactic fundamental mode RR Lyrae stars: period-amplitude diagram, metallicities and distribution	RRL 1	74.
Templeton, Matthew R. and Karovska, Margarita	Long-term variability in o Ceti: signs of supergranular convection?	RG 1	75.
Templeton, Matthew R. Henden, Arne. A.	Long-term, multicolor photometry of W Vir and Type II Cepheids	Ceph 1	76.
Turner, David G.	Enhancing Our Knowledge of Northern Cepheids through Photometric Monitoring	Ceph 1	77.
Turner, David G. et al.	Stochastic Processes in Yellow and Red Pulsating Variables	RG 1	78.
Uytterhoeven, Katrien and CoRoT/SWG Ground-based Observations Working Group	The asteroseismic ground-based observational counterpart of CoRoT	CGS 2	79.
Uytterhoeven, Katrien et al.	Abundance analysis and mode identification for the beta Cephei CoRoT main target HD180642	B 2	80.
Uytterhoeven, Katrien et al.	Time-scales of line-broadening variability in OB Supergiants	B 2	81.
Uytterhoeven, Katrien, Mathias,	Gamma Doradus stars in the CoRoT exoplanets fields	GD 2	82.

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Varadi, Mihaly et al.	Detecting short period variables with Gaia	CGS 2	83.
Wang, Qian	Approaches to mass-loss modeling, and the Bowen code	RG 1	84.
Wood, P.R.	Spectropolarimetric observations of the sequence-D red giant variables S Lep and Z Eri	RG 1	85.